

departing from the spirit of the invention. It is therefore intended that the invention be not limited to the exact forms described and illustrated, but should be constructed to cover all modifications that may fall within the scope of the appended claims.

What is claimed is:

1. A syringe holder for a balloon catheter comprising;
 - a plurality of holding parts for holding syringes to be connected to the balloon catheter, in a manner whereby the syringes are individually attachable and detachable, wherein sizes of the plurality of holding parts are not the same so that the syringe holder can hold a plurality of syringes respectively having different outer diameters, thus the amount of expansion of the balloon can be controlled by selecting a suitable syringe.
2. The syringe holder for a balloon catheter according to claim 1,
 - wherein the holding parts are arranged in order of sizes.
3. The syringe holder for a balloon catheter according to claim 1,
 - wherein each holding part has a surface that restricts a longitudinal movement of a plunger of the corresponding syringe to prevent the plunger from dropping off.
4. The syringe holder for a balloon catheter according to claim 1, wherein the holding parts are formed to provide an allowance with respect to a surface contour of a corresponding syringe, a respectable inner surface of each holding part including at least one protrusion.
5. The syringe holder for a balloon catheter according to claim 18, wherein the holding parts have a non-circular cross-section which is substantially orthogonal to the direction of a length thereof.
6. The syringe holder for a balloon catheter according to claim 1, wherein the holding parts are formed with a flat portion for constraining rotation of a syringe coming into abutment with a flange of the syringe.
7. The syringe holder for a balloon catheter according to claim 1, wherein the holding parts are formed with an opening for allowing a distal portion on a side of a connecting portion for connecting a syringe with the balloon catheter to project therefrom.

8. The syringe holder for a balloon catheter according to claim 1, wherein the holding parts include a storage groove, the storage groove including an opening for inserting a syringe.

9. The syringe holder for a balloon catheter according to claim 1, wherein the storage groove includes a projection at an upper portion thereof for preventing a stored syringe from dropping off.

10. The syringe holder for a balloon catheter according to claim 18, wherein the syringe holder is resilient, so when a syringe is inserted therein, the opening is widened by resilient deformation.

11. The syringe holder for a balloon catheter according to claim 1, wherein the storage groove comprises at least a cylinder storage groove for storing a cylinder of the syringe, a flange storage groove for storing the flange of the syringe, and a plunger storage groove for storing a plunger of the syringe in communication with each other.

12. The syringe holder for a balloon catheter according to claim 1, wherein the cylinder storage groove has a size smaller than the flange of the syringe so that the cylinder of the syringe is prevented from moving in an axial direction and dropping off.

13. The syringe holder for a balloon catheter according to claim 1, wherein the plunger storage groove is closed on one end surface so as to prevent the plunger of the syringe from coming apart from the cylinder and dropping off.

14. The syringe holder for a balloon catheter according to claim 1, wherein the storage groove constrains rotation of the syringe in a circumferential direction.

15. The syringe holder for a balloon catheter according to claim 1, in combination with at least one syringe stored in a corresponding holding part of the syringe holder, to form a syringe set for a balloon catheter.

16. The syringe holder for a balloon catheter according to claim 15, wherein the syringe set includes a balloon catheter.

17. The syringe holder for a balloon according to claim 15, wherein the syringe set is enclosed in a sterilized package.

18. The syringe holder for a balloon catheter according to claim 17, wherein the syringe set is enclosed in a single sterilized package.

* * * * *